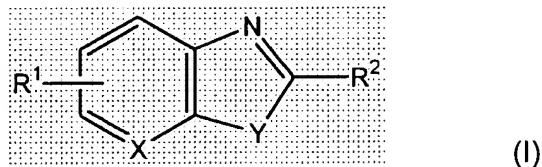


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) A method for inhibiting 5-lipoxygenase in a subject, comprising administering a compound of formula (I) or a pharmaceutically acceptable salt thereof to the subject in an amount effective for the inhibition of 5-lipoxygenase:



wherein

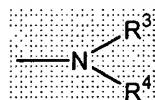
X is CH or N;

Y is S or O;

R¹ is H, OH, halogen, C₁₋₆ alkyl, nitro, cyano, amino, di-C₁₋₆ alkylamino, C₁₋₆ alkoxy, C₁₋₆ hydroxyalkyl or C₁₋₆ alkylcarbonyl; and

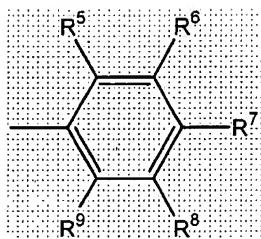
R² is

(i)



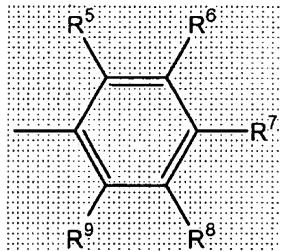
wherein R³ is H or C₁₋₆ alkyl;

R⁴ is



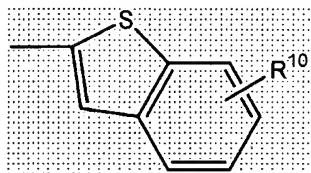
wherein R⁵, R⁶, R⁷, R⁸ and R⁹ are independently H, OH, halogen, C₁₋₆ alkyl, C₁₋₆ haloalkyl, nitro, cyano, amino, di-C₁₋₆ alkylamino, mercapto, C₁₋₆ mercaptoalkyl, halogen-substituted C₁₋₆ mercaptoalkyl, phenylazo, C₁₋₆ alkylphenylazo, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxy or C₁₋₆ hydroxyalkyl,

(ii)



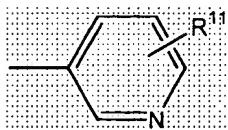
wherein R⁵, R⁶, R⁷, R⁸ and R⁹ are as defined in (i),

(iii)



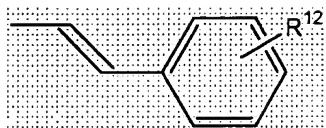
wherein R¹⁰ is H or C₁₋₆ alkyl,

(iv)



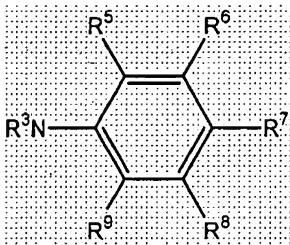
wherein R¹¹ is H, C₁₋₆ alkyl, halogen, mercapto or C₁₋₆ mercaptoalkyl, or

(v)



wherein R¹² is H, OH, halogen, C₁₋₆ alkyl, nitro, cyano, amino, di-C₁₋₆ alkylamino, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxy or C₁₋₆ hydroxyalkyl.

2. (Currently amended) The method of claim 1, which is used for preventing or treating a leukotriene-related disease selected from the group consisting of: asthma, pertussis, psoriasis, rheumatic arthritis, arthritis, inflammatory bowel disease, cystic fibrosis, acute/chronic bronchitis, gout, sepsis, cardiac myoischemia, cardiac anaphylaxis, cerebrovascular convulsion, ischemia and allergic rhinitis.
3. (Original) The method of claim 2, wherein the disease is asthma.
4. (Previously presented) The method of claim 1, wherein R² is



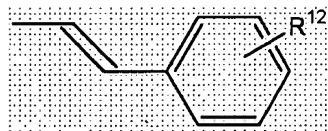
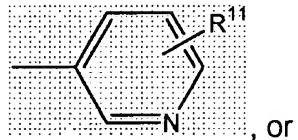
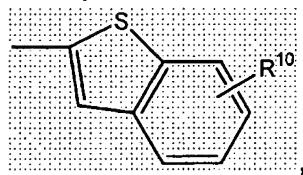
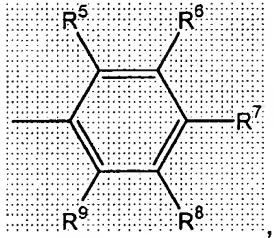
wherein

R³ is H or C₁₋₆ alkyl;

R⁵, R⁶, R⁷, R⁸ and R⁹ are independently H, OH, halogen, C₁₋₆ alkyl, C₁₋₆ haloalkyl, nitro, cyano, amino, di-C₁₋₆ alkylamino, mercapto, C₁₋₆ mercaptoalkyl, halogen-substituted C₁₋₆ mercaptoalkyl, phenylazo, C₁₋₆ alkylphenylazo, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxy or C₁₋₆ hydroxyalkyl.

5. (Original) The method of claim 4, wherein R¹ is H, halogen, C₁₋₆ alkyl or nitro; and R⁵, R⁶, R⁷, R⁸ and R⁹ are independently H, halogen, C₁₋₆ alkyl or phenylazo.

6. (Previously presented) The method of claim 1, wherein R² is



wherein

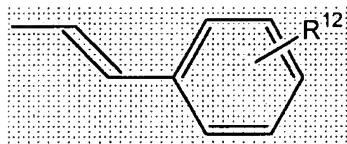
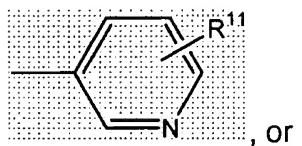
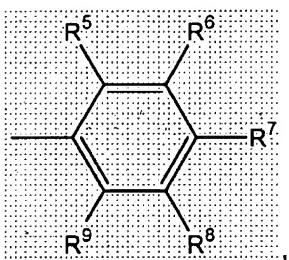
R⁵, R⁶, R⁷, R⁸ and R⁹ are independently H, OH, halogen, C₁₋₆ alkyl, C₁₋₆ haloalkyl, nitro, cyano, amino, di-C₁₋₆ alkylamino, mercapto, C₁₋₆ mercaptoalkyl, halogen-substituted C₁₋₆ mercaptoalkyl, phenylazo, C₁₋₆ alkylphenylazo, C₁₋₆ alkylcarbonyl, C₁₋₆ alkoxy or C₁₋₆ hydroxyalkyl;

R^{10} is H or C_{1-6} alkyl;

R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl; and

R^{12} is H, OH, halogen, C_{1-6} alkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, C_{1-6} alkylcarbonyl, C_{1-6} alkoxy or C_{1-6} hydroxyalkyl.

7. (Previously presented) The method of claim 6, wherein R^1 is H or C_{1-6} alkyl; and R^2 is



wherein R^5 , R^6 , R^7 , R^8 and R^9 are independently H, OH, halogen, C_{1-6} alkyl, C_{1-6} haloalkyl, nitro, cyano, amino, di- C_{1-6} alkylamino, mercapto, C_{1-6} mercaptoalkyl, halogen-substituted C_{1-6} mercaptoalkyl or C_{1-6} alkoxy;

R^{11} is H, C_{1-6} alkyl, halogen, mercapto or C_{1-6} mercaptoalkyl; and

R^{12} is H, halogen or C_{1-6} alkyl.

8. (Canceled)

9. (Canceled)

10. (Previously presented) The method of claim 1, wherein the compound of formula (I) is

